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PATENT

Attorney Docket No. FORS-08793

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Victor Lyamichev *et al.*

Serial No.:

Group No.:

Filed:

Herewith

Examiner:

Entitled:

Nucleic Acid Accessible Hybridization Sites

marked
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1 page

TRANSMITTAL OF PTO FORM-1449

Mail Stop Patent Application

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By:

Jennifer B. Xistris

Sir or Madam:

Enclosed please find PTO Form-1449 for filing in the U.S. Patent and Trademark Office.

This PTO Form-1449 is being filed with the attached application. Applicant's believe no fee is required, but if the Commissioner deems otherwise, the Commssioner is hereby authorized to charge any additional fee or credit overpayment to our Deposit Account No. 08-1290. An originally executed duplicate of this transmittal is enclosed for this purpose.

Dated: March 23, 2004

Tanya A. Arenson
Registration No. 47,391

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101 Howard Street, Suite 305
San Francisco, California 94105
608/218-6900

FORM PTO-1449 Commerce (Modified)		U.S. Department of Patent and Trademark Office		Attorney Docket No.: FORS-08793	Serial No.: 101807, 114
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets If Necessary)				Applicant: Victor I. Lyamichev <i>et al.</i>	
				Filing Date: Herewith	Group Art Unit: 1634
(37 CFR § 1.98(b))					
OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)					
Am	1	Bennett <i>et al.</i> , J. Immunol., 152:3530 [1994].			
	2	Bruice and Lima, Biochemistry 36:5004 [1997]			
	3	Campbell and Cech, RNA 1:598 [1995]			
	4	Chiang <i>et al.</i> , J. Biol. Chem., 266:18162 [1991]			
	5	Bennett <i>et al.</i> , J. Pharmacol. Exp. Ther., 280:988 [1997]			
	6	Freier and Tinoco, Biochemistry 14:3310 [1975]			
	7	Frieden <i>et al.</i> , New Engl. J. Med., 328:521 [1993]			
	8	Lan <i>et al.</i> , Science 280:1593 [1998]			
	9	Matceva <i>et al.</i> , Nature Biotechnology 16:1374 [1998]			
	10	Mir and Southern, Nature Biotechnology 17:788 [1999]			
	11	Monia <i>et al.</i> , Nature Med., 2:668 [1996]			
	12	Peyman <i>et al.</i> , Biol. Chem. Hoppe-Seyler 367:195 [1995]			
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	14	Southern <i>et al.</i> , Nucleic Acids Res., 22:1368 [1994]			
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	20	Yacyshyn <i>et al.</i> , Gastroenterology 114:1133 [1998]			
	21	Eckstein and Lilley (eds.), <i>Nucleic Acids and Molecular Biology</i> , vol. 2, Springer-Verlag, Heidelberg [1988] (FRONT PAGE AND INDEX PAGES ONLY)			
Am	22	Sambrook <i>et al.</i> , <i>Molecular Cloning: A Laboratory Manual</i> , 2nd ed. Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY [1989] (FRONT PAGE AND INDEX PAGES ONLY)			
Examiner: <i>Cale Myers</i>					
Date Considered: 6/28/06					
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					

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27	✓	Brow <i>et al.</i> , J. Clin. Microbiol., 34:3129 [1996]			
28	✓	Bruice and Lima, Biochemistry 36:5004 [1997]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.			
29	✓	Campbell and Cech, RNA 1:598 [1995]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.			
30	✓	Chee <i>et al.</i> , Science 274:610 [1996]			
31	✓	Chiang <i>et al.</i> , J. Biol. Chem., 266:18162 [1991]			
32	✓	Cload and Shephartz, J. Am. Chem. Soc., 113:6324 [1991]			
33	✓	Cockerill, III <i>et al.</i> , J. Infect. Dis., 171:240 [1995]			
34	✓	Compton, in <i>PCR Protocols</i> , Innis <i>et al.</i> (Eds.), [1990], at p. 39			
35	✓	Conner, Proc. Natl. Acad. Sci., 80:278 [1983]			
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37	✓	Doty <i>et al.</i> , Proc. Natl. Acad. Sci. USA 46:461 [1960]			
38	✓	Drmanac <i>et al.</i> , Genomics 4:114 [1989]			
39	✓	Duckett <i>et al.</i> , Cell 55:79 [1988]			
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41	✓	Freier and Tinoco, Biochemistry 14:3310 [1975]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.			
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53	✓	Hanke <i>et al.</i> , J. Mol. Biol., 246:63 [1995]			
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Examiner: Carlo Myers		Date Considered: 6/28/06			
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OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)					
CM	55	Heym <i>et al.</i> , Lancet 344:293 [1994]			
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	83	Monia <i>et al.</i> , Nature Med., 2:668 [1996]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.			
✓	84	Morris <i>et al.</i> , J. Infect. Dis., 171:954 [1995]			
Cn	85	Murante <i>et al.</i> , J. Biol. Chem., 269:1191 [1994]			
Examiner: <i>Calo Myn</i>				Date Considered: 6/28/06	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets If Necessary)				Applicant: Victor I. Lyamichev <i>et al.</i>	
(37 CFR § 1.98(b))				Filing Date: Herewith	Group Art Unit: 1634
OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)					
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	100	Serano and Cohen, Develop., 121:3809-3818 [1995]			
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	104	"Single-Strand Conformation Polymorphism" (SSCP) was developed by Hayashi, Sekya and colleagues (reviewed by Hayashi, PCR Meth. Appl., 1:34-38, [1991])			
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	109	Sugimoto <i>et al.</i> , Biochemistry 34:11211 [1995]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.			
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	111	Uhlenbeck, J. Mol. Biol., 65:25 [1972]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.			
	112	Veyrune <i>et al.</i> , Oncogene 11:2127 [1995]			
	113	Vickers <i>et al.</i> , Nucleic Acids Res., 28:1340 [2000]			
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Examiner:		C. L. Myers		Date Considered: 6/28/06	
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(37 CFR § 1.98(b))				Filing Date: Herewith	Group Art Unit: 1639
OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)					
C1	114	Wallace <i>et al.</i> , Nucl. Acids Res., 6:3543 [1979]			
	115	Walton <i>et al.</i> , Biotechnol. Bioeng., 65:1 [1999]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.			
	116	Ward, <i>et al.</i> , Virus Genes 10:91 [1995]			
	117	Wartell <i>et al.</i> , Nucl. Acids Res., 18:2699-2701 [1990]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.			
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C1	130	Zuker and Jacobson. Nucl. Acids Res. 23:2791 [1995]			
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U.S. PATENT DOCUMENTS								
Examiner Initials	Cite No.	Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date	
Cn	1	5,843,654	12/1/98	Heisler <i>et al.</i>	435	6	6/7/95	
	2	5,422,253	6/6/95	Dahlberg <i>et al.</i>	435	91.53	12/7/92	
	3	5,846,717	12/8/98	Brow <i>et al.</i>	435	6	1/24/96	
	4	6,001,567	12/14/99	Brow <i>et al.</i>	435	6	7/12/96	
	5	5,985,557	11/16/99	Prudent <i>et al.</i>	435	6	11/26/96	
	6	5,994,069	11/30/99	Hall <i>et al.</i>	435	6	3/24/97	
	7	5,436,327	7/25/95	Southern <i>et al.</i>	536	25.34	3/20/91	
	8	5,429,807	7/4/95	Matson <i>et al.</i>	422	131	10/28/93	
	9	5,599,695	2/4/97	Pease <i>et al.</i>	435	91.1	2/27/95	
	10	6,060,310	5/9/2000	Cho-Chung	435	.375	11/24/97	
	11	5,494,810	2/27/96	Barany <i>et al.</i>	435	91.52	11/22/94	
	Cn	12	5,427,930	6/27/95	Birkenmeyer <i>et al.</i>	435	91.52	6/28/91
13		6,372,424	4/16/02	Brow <i>et al.</i>	435	5	8/30/95	
FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS								
		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
Cn	14	WO 96/15267	8 June 1995	PCT				
	15	WO 97/27214	31 July 972	PCT				
	16	WO 98/23744	4 June 1998	PCT				
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Cn	17	Abrams <i>et al.</i> , Genomics 7:463 [1990]						
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	24	Bennett <i>et al.</i> , J. Pharmacol. Exp. Ther., 280:988 [1997]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.						
	25	Bidou <i>et al.</i> , RNA 3:1153 [1997]						
	Cn	26	Borresen <i>et al.</i> , Proc. Natl. Acad. Sci. USA 88:8405 [1991]					
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	5	5,985,557	11/16/99	Prudent <i>et al.</i>	435	6	11/26/96	
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	13	6,372,424	4/16/02	Brow <i>et al.</i>	435	5	8/30/95	
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	15	WO 97/27214	31 July 972	PCT				
	16	WO 98/23744	4 June 1998	PCT				
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